

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1-100. (Canceled)

101. (Currently Amended) A method of manufacturing an electro-luminescent device, the method comprising the steps of:

forming pixel electrodes on a substrate;

forming ~~an~~ a solid insulating layer on the pixel electrodes;

enhancing a liquid repellency at a surface of the solid insulating layer, while the solid insulating layer is in a solid state;

patterning the solid insulating layer so as to expose a part of the pixel electrodes; and

applying one of an optical material and a liquid precursor on the part of the pixel electrodes.

102. (Currently Amended) A method of manufacturing an electro-luminescent device according to claim 101, wherein enhancing a liquid repellency at the surface of the solid insulating layer is performed by one of an ultraviolet ray irradiation and an irradiation of plasma.

103. (Currently Amended) A method of manufacturing an electro-luminescent device, the method comprising the steps of:

forming pixel electrodes on a substrate;

forming an insulating layer on the pixel electrodes;

patterning the insulating layer so as to expose a part of the pixel electrodes;

enhancing a liquid repellency at a surface of the insulating layer after patterning the insulating layer so as to expose the part of the pixel electrodes; and

applying one of an optical material and a liquid precursor on the part of the pixel electrodes.

104. (Currently Amended) A method of manufacturing an electro-luminescent device according to claim 103, wherein enhancing a repellency at the surface of the solid insulating layer is performed by one of an ultraviolet ray irradiation and an irradiation of plasma.

105. (Currently Amended) A method of manufacturing an electro-luminescent device having a first electrode, a second electrode and an organic semiconductor film between the first electrode and the second electrode, the method comprising the steps of:

forming the first electrode on a surface of a predetermined position of a substrate;

forming an insulating layer so as to surround the predetermined position;

arranging a liquid solution, including an organic semiconductor material and solvent, at the predetermined position of the substrate;

evaporating the solvent so as to form the organic semiconductor film; ~~and~~

forming the second electrode above the organic semiconductor ~~film~~-film; and

enhancing a lyophilicity of the first electrode at the predetermined position relative to a lyophilicity of the insulating layer, the lyophilicity being enhanced with respect to the liquid solution.

106. (Canceled)

107. (Currently Amended) The method of manufacturing an electro-luminescent device according to claim 105, wherein the insulating ~~insulator~~-layer covers at least a part of the first electrode.

108. (Currently Amended) The method of manufacturing an electro-luminescent device according to claim 105, further comprising:

forming an interlayer film on the insulating layer, the interlayer film being repellent to the liquid solution compared to the first electrode ~~predetermined position~~.

109. (Previously Presented) The method of manufacturing an electro-luminescent device according to claim 105, wherein arranging the liquid solution at the predetermined position of the substrate is performed by an ink jet method.

110. (Currently Amended) A method of manufacturing an electro-luminescent device having a first electrode, a second electrode and an organic semiconductor film between the first electrode and the second electrode, the method comprising the steps of:

forming the first electrode on the surface of a predetermined position of a substrate;

forming an insulating layer so as to surround the predetermined position;

enhancing a lyophilicity of the first electrode at the predetermined position relative to a lyophilicity of at the insulating layer, the lyophilicity being enhanced with respect to a liquid solution that includes an organic semiconductor material and solvent;

arranging a liquid solution on the first electrode, including an organic semiconductor material and solvent, at the predetermined position of the substrate;

evaporating the solvent so as to form the organic semiconductor film; and

forming the second electrode above the organic semiconductor film.

111. (Previously Presented) The method of manufacturing an electro-luminescent device according to claim 110, wherein the insulating layer is repellent to the liquid solution, compared to the predetermined position.

112. (Previously Presented) The method of manufacturing an electro-luminescent device according to claim 110, wherein the side-wall of the insulating layer is less repellent to the liquid solution, compared to the top of the insulating layer.

113. (Previously Presented) A method of manufacturing an electro-luminescent device having a first electrode, a second electrode and an organic semiconductor film between the first electrode and the second electrode, the method comprising the steps of:

forming the first electrode on the surface of a predetermined position of a substrate;

enhancing a lyophilicity at the predetermined position relative to a lyophilicity at a peripheral region around the predetermined position, the lyophilicity being enhanced with respect to a liquid solution that includes an organic semiconductor material and solvent;

arranging a the liquid solution, including an organic semiconductor material and solvent, at the predetermined position of the substrate;

evaporating the solvent so as to form the organic semiconductor film; and

forming the second electrode above the organic semiconductor film.

114. (Previously Presented) The method of manufacturing an electro-luminescent device according to claim 113, wherein enhancing a lyophilicity at the predetermined position relative to a lyophilicity at a peripheral region around the predetermined position is performed by an ultraviolet ray irradiation.

115. (Currently Amended) The method of manufacturing an electro-luminescent device according to claim ~~114~~113, wherein enhancing a lyophilicity at the predetermined position relative to a lyophilicity at a peripheral region around the predetermined position is performed by a plasma irradiation.

116. (Withdrawn) A method of manufacturing an electro-luminescent device having a first electrode, a second electrode and an organic semiconductor film between the first electrode and the second electrode, the method comprising the steps of:

forming a recess so as to form a difference in height between the predetermined position and the periphery of the predetermined position, the predetermined position being lower than the periphery of the predetermined position;

arranging a liquid solution, including an organic semiconductor material and solvent, at the predetermined position of the substrate;

evaporating the solvent so as to form the organic semiconductor film; and

forming the second electrode above the organic semiconductor film.

117. (Withdrawn) The method of manufacturing an electro-luminescent device according to claim 116, wherein the recess is formed by wiring, the wiring being formed so as to surround the predetermined position.

118. (Withdrawn) The method of manufacturing an electro-luminescent device according to claim 117, the wiring including a signal line, a current supply line and a scanning line.

119. (Withdrawn) The method of manufacturing an electro-luminescent device according to claim 117, the wiring including bus line.

120. (Withdrawn) The method of manufacturing an electro-luminescent device according to claim 116, wherein arranging the liquid solution at the predetermined position of the substrate is performed by an ink jet method.

121-122. (Canceled)

123. (Currently Amended) A method of manufacturing an electro-luminescent device, the method comprising the steps of:

forming an insulating layer so as to surround ~~the a~~ predetermined position of ~~the a~~ substrate;

arranging an optical material at the predetermined position, a first liquid repellency of ~~the a~~ side-wall of the insulating layer to a liquid or a liquid material being

substantially different from a second liquid repellency that of the top an upper surface of the
insulating layer.